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RAW SEQUENCE LISTING   DATE: 04/17/2003
PATENT APPLICATION: **US/09/641,931F**   TIME: 10:53:16

Input Set : **A:\Robic1.app**
Output Set: **N:\CRF4\04172003\I641931F.raw**

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 ·3 <110> APPLICANT: Lanctot, et al.
 ·5 <120> TITLE OF INVENTION: Nucleic Acid Molecule, Method and Kit for Selecting a
 ·6        Nucleic Acid Having A Desired Feature
 ·8 <130> FILE REFERENCE: 2003390-0001
 10 <140> CURRENT APPLICATION NUMBER: 09/641,931F
C--> 11 <141> CURRENT FILING DATE: 2003-04-08
 13 <160> NUMBER OF SEQ ID NOS: 45
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 24
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: sequence is completely synthesized
 25 <400> SEQUENCE: 1
 26 ggatccaata gaggattctt taac                                      24
 29 <210> SEQ ID NO: 2
 30 <211> LENGTH: 21
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: sequence is completely synthesized
 37 <400> SEQUENCE: 2
 38 tcaccactct tctgtccctt c                                         21
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 25
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: sequence is completely synthesized
 49 <400> SEQUENCE: 3
 50 ggatcctacg aacatgcgac cactg                                     25
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 21
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: sequence is completely synthesized
 61 <400> SEQUENCE: 4
 62 tcatcttcgt gtgctagtca g                                         21
 65 <210> SEQ ID NO: 5
 66 <211> LENGTH: 30
 67 <212> TYPE: DNA
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68  <213> ORGANISM: Artificial Sequence
70  <220> FEATURE:
71  <223> OTHER INFORMATION: sequence is completely synthesized
73  <400> SEQUENCE: 5
74  agcgaattcg tcctgtggac agatcactgc                              30
77  <210> SEQ ID NO: 6
78  <211> LENGTH: 30
79  <212> TYPE: DNA
80  <213> ORGANISM: Artificial Sequence
82  <220> FEATURE:
83  <223> OTHER INFORMATION: sequence is completely synthesized
85  <400> SEQUENCE: 6
86  gctctcgagg aaggcacagc tgctttccac                              30
89  <210> SEQ ID NO: 7
90  <211> LENGTH: 30
91  <212> TYPE: DNA
92  <213> ORGANISM: Artificial Sequence
94  <220> FEATURE:
95  <223> OTHER INFORMATION: sequence is completely synthesized
97  <400> SEQUENCE: 7
98  cttctcgagc agtttaaacg tgagcttccc                              30
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 30
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: sequence is completely synthesized
109 <400> SEQUENCE: 8
110 acgtctagat catcttcgtg tgctagtcag                              30
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 47
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: sequence is completely synthesized
121 <400> SEQUENCE: 9
122 tcgagcagat ctgcagcacc actggtcacg gcaatgtgtc ggagcgg          47
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: sequence is completely sunthesized
133 <400> SEQUENCE: 10
134 ccgctccgac acattgccgt gaccagtggt gctgcagatc tgc              43
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 60
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
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142 <220> FEATURE:
143 <223> OTHER INFORMATION: sequence is completely synthesized
145 <400> SEQUENCE: 11
146 gtgtccaagc catcagaggg gaaataaagc atctctacgg tggtcctaaa tagtcagcat 60
149 <210> SEQ ID NO: 12
150 <211> LENGTH: 28
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: sequence is completely synthesized
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158 ccagagctca tgcggaccac tcttctgt                                  28
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 24
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: sequence is completely synthesized
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170 tcgcgattta aattaattaa gctt                                      24
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 24
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: sequence is completely synthesized
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185 <210> SEQ ID NO: 15
186 <211> LENGTH: 18
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: sequence is completely synthesized
193 <400> SEQUENCE: 15
194 agacgcgtag atctcacc                                             18
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199 <212> TYPE: DNA
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203 <223> OTHER INFORMATION: sequence is completely synthesized
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206 gatccgcacc gcaatatggc                                           20
209 <210> SEQ ID NO: 17
210 <211> LENGTH: 25
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
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218 tctagagatg cattatgcac atcag                                      25
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222 <211> LENGTH: 60
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: sequence is completely synthesized
229 <400> SEQUENCE: 18
230 tccaagccat cagaggggaa ataaagcatc tctacggtgg tcctaaatag tcagcatagt 60
233 <210> SEQ ID NO: 19
234 <211> LENGTH: 60
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: sequence is completely synthesized
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245 <210> SEQ ID NO: 20
246 <211> LENGTH: 20
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: sequence is completely synthesized
253 <400> SEQUENCE: 20
254 tagtcagcat agtacatttc                                            20
257 <210> SEQ ID NO: 21
258 <211> LENGTH: 51
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: sequence is completely synthesized
265 <400> SEQUENCE: 21
266 tcgatccgaa ttcgcggccg ctctattgga tcctcgagca gatctgcagc a          51
269 <210> SEQ ID NO: 22
270 <211> LENGTH: 148
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: sequence is completely synthesized
277 <400> SEQUENCE: 22
278 agatgaatca agcttatcga taccgtcgag catgcatcta ggtgtccaag ccatcagagg 60
279 ggaaataaag catctctacg gtggtcctaa atagtcagca tagtacattt catctgacta 120
280 atactacaac accaccacca tgaataga                                   148
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 18
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
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288 <220> FEATURE:
289 <223> OTHER INFORMATION: sequence is completely synthesized
291 <400> SEQUENCE: 23
292 gagtggtccg catggtga                                            18
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 54
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: sequence is completely synthesized
303 <400> SEQUENCE: 24
304 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt     54
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 48
309 <212> TYPE: DNA
310 <213> ORGANISM: Sindbis virus
312 <220> FEATURE:
313 <223> OTHER INFORMATION: sequence is completely synthesized
315 <400> SEQUENCE: 25
316 tctgcagcac cactggtcac ggcaatgtgt ttgctcggaa atgtgagc           48
319 <210> SEQ ID NO: 26
320 <211> LENGTH: 16
321 <212> TYPE: PRT
322 <213> ORGANISM: Sindbis virus
324 <220> FEATURE:
325 <223> OTHER INFORMATION: sequence is completely synthesized
327 <400> SEQUENCE: 26
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329   1               5                  10                  15
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333 <211> LENGTH: 48
334 <212> TYPE: DNA
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: sequence is completely synthesized
340 <400> SEQUENCE: 27
341 tctgcagcac cactggtcac ggcaatgtgt cggagcggaa atgtgagc           48
344 <210> SEQ ID NO: 28
345 <211> LENGTH: 16
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: sequence is completely synthesized
352 <400> SEQUENCE: 28
353 Ser Ala Ala Pro Leu Val Thr Ala Met Cys Arg Ser Gly Asn Val Ser
354   1               5                  10                  15
357 <210> SEQ ID NO: 29
358 <211> LENGTH: 44
359 <212> TYPE: DNA
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VERIFICATION SUMMARY   DATE: 04/17/2003
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:409 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33